Abstract

A wiper blade is proposed, which is for cleaning for windows, particularly of motor vehicles. The wiper blade (10) has an elongated, rubber-elastic wiper strip (14), which can be placed against the window (22) and is connected to an elongated, spring-elastic support element (12) so that their longitudinal axes are parallel, which support element (12) is directly connected to a device (16) for connecting the wiper blade to a driven wiper arm (18). The support element (12) has two band-like spring strips (28, 30), which are situated in a plane that is disposed in front of the window, essentially parallel to the window, and whose one, lower band surfaces (13) are oriented toward the window and whose adjacent, inner longitudinal edges (48), which are disposed spaced a distance (34) apart from each other, each protrude into a respective longitudinal groove (54, 56, or 106), which grooves are associated with each longitudinal edge and are open toward a respective longitudinal side of the wiper strip (14), and these two spring strips (36, 38) are connected to each other by at least two crosspieces (36, 38) disposed spaced apart from each other in the longitudinal direction. Manufacturing advantages for the wiper blade according to the invention are achieved if each crosspiece (36, 38) has a middle section (42) which extends spaced a distance (44) apart from the upper band surfaces (11) of the spring strips (28, 30), producing bridge-like crosspieces, where the distance (34) between the two longitudinal strips (28, 30) is less than the bridge width (46).

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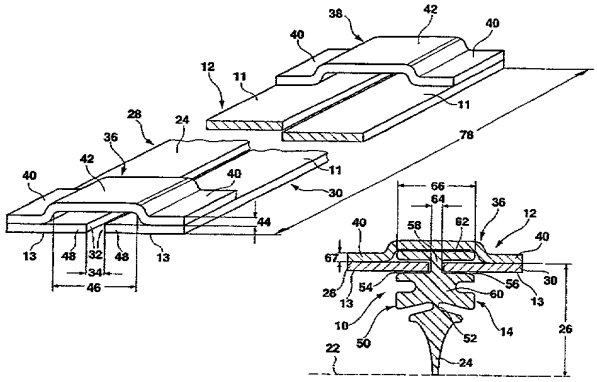
(54) Title: WIPER BLADE FOR CLEANING THE PANES OF A MOTOR VEHICLE

(54) Bezeichnung: WISCHBLATT ZUM REINIGEN VON FAHRZEUGSCHEIBEN



(57) Abstract: The invention relates to a wiper blade for cleaning panes, especially for cleaning the panes of a motor vehicle. The inventive wiper blade (10) comprises an elongated, rubber-elastic wiper strip (14) that is placed against the pane (22) and that is mounted on an elongated elastic support element (12) so that its longitudinal axis is parallel thereto, a device (16) for connecting the wiper blade to a driven wiper arm (18) being directly linked with said support element. The support element (12) comprises two strip-like spring bars (28, 30) that are disposed in a plane in front of the pane and substantially parallel thereto. The lower strip surfaces (13) of the spring bars face the pane, and the adjacent inner longitudinal edges (48) thereof, at a distance (34) to one another, dip into a longitudinal groove (54, 56 or 106) that is associated with every longitudinal edge and that is open towards the longitudinal face of the wiper strip (14). The lower strip surfaces are interlinked by at least two transverse connectors (36, 38) that are arranged in the longitudinal direction at a distance to each other. The wiper blade can be produced in a more economical way if every transverse connector (36, 38) has a center section (42) that extends at a distance (44) to the upper strip surfaces (11) of the spring bars (28, 30), thereby forming bridging connectors, the distance (34) between the two longitudinal bars (28, 30) being smaller than the bridge width (46).

(57) Zusammenfassung: Es wird ein Wischblatt vorgeschlagen, das zum Reinigen von Scheiben vorzugsweise von Kraftfahrzeugen dient. Das Wischblatt (10) hat eine langgestreckte gummielastische, an der Scheibe (22) anlegbare Wischleiste (14), die längsachsenparallel an einem langgestreckten, federelastischen Tragelement (12) angeordnet ist, mit welchem eine Vorrichtung (16) zum Anschließen des Wischblatts an einen angetriebenen Wischerarm (18) direkt verbunden ist.

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